



AF/2700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark S. Boddy et al.

Title: AUTOMATED FINITE CAPACITY SCHEDULER

Docket No.: H16-17367 (256.029US1)

Filed: November 6, 1998

Examiner: Steven R. Garland

Serial No.: 09/188,399

Due Date: July 25, 2002

Group Art Unit: 2125

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Technology Center 2100

**Box AF**

Commissioner for Patents


Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ An Amendment and Response Under 37 C.F.R. 1.116 (6 Pages).
- ☒ Clean Version of Pending Claims (5 pgs.).

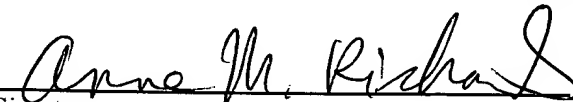
Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Atty: John M. Dahl  
Reg. No. 44,639

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Box AF, Commissioner for Patents, Washington, D.C. 20231, on this 18th day of June, 2002.

Anne M. Richards  
Name

  
Signature

**Customer Number 000128**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

EXPEDITED PROCEDURE - EXAMINING GROUP 2121

S/N 09/188,399

PATENT

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AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116

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In response to the final Office Action mailed April 25, 2002, please amend the application as follows:

IN THE CLAIMS

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1, 14-16, 19, 27-29, and 32-34, and no cancellation or addition of claims. The specific amendments to individual claims are detailed in the following marked up set of claims.

1. (Amended) A method of scheduling tasks comprising:
- creating a list of activities required to accomplish the tasks;
  - modifying selected activities into sets of smaller activities; and
  - scheduling the activities and smaller activities based on discrete and continuous constraints, wherein the continuous constraints are related to other variables by linear mathematical relationships.